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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/523,250
	Filing Date	January 26, 2005
	First Named Inventor	Marc K. HELLERSTEIN
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	19 + 185 Refs.	Attorney Docket Number 416272003800

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement w/ Form PTO/SB/08a/b (18 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. One Copy of each 185 Cited References 2. Return Receipt Postcard
Remarks: _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 20872) Michael R. Ward - Reg. No. 38,651
Signature	<i>Michael R Ward</i>
Date	May 6, 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: May 6, 2005	Signature: <i>Leah Kjellen</i> (Leah Kjellen)



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Dated: May 6, 2005

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(Leah Kjellen)

Patent
Docket No. 416272003800
B01-075

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Marc K. HELLERSTEIN

Serial No.: 10/523,250

Filing Date: January 26, 2005

For: METHOD FOR AUTOMATED, LARGE-
SCALE MEASUREMENT OF THE
MOLECULAR FLUX RATES OF THE
PROTEOME OR THE ORGANOOME
USING MASS SPECTROMETRY

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicant submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

Application No. 10/523,250
Supplemental Information Disclosure Statement

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Docket No. 416272003800

This Supplemental Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ **Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.**
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of __ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of __ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicant would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Application No. 10/523,250
Supplemental Information Disclosure Statement

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Docket No. 416272003800

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicant petitions for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 416272003800.

Dated: May 6, 2005

Respectfully submitted,

By Michael R. Ward
Michael R. Ward
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ALTERNATIVE TO PTO/SB06a/b (06-03)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/523,250		
		Filing Date	January 26, 2005		
		First Named Inventor	Marc K. HELLERSTEIN		
		Art Unit	Not Yet Assigned		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	15	Attorney Docket Number	416272003800

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-4,332,784	06-01-1982	Smith et al.	
	2.	US-5,338,686	08-16-1994	Hellerstein	
	3.	US-5,439,803	08-08-1995	Ross et al.	
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	8.	US-6,461,870-B2	10-08-2002	Yatscoff et al.	
	9.	US-6,468,802-B1	10-22-2002	Yatscoff et al.	
	10.	US-6,599,750-B2	07-29-2003	Yatscoff et al.	
	11.	US-6,602,715-B2	08-05-2003	Yatscoff et al.	
	12.	US-6,653,076	11-25-2003	Franza, Jr. et al.	
	13.	US-6,653,090-B1	11-25-2003	Lopaschuk	
	14.	US-6,808,875-A1	10-26-2004	Hellerstein	
	15.	US-2003/0133871-A1	07-17-2003	Hellerstein	
	16.	US-2003/0148533	08-07-2003	Malloy et al.	
	17.	US-2003/0180710	09-25-2003	Lee et al.	
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	19.	US-2003/0224420-A1	12-04-2003	Hellerstein et al.	
	20.	US-2003/0228259	12-11-2003	Hellerstein	
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	23.	US-2004/0115131-A1	06-17-2004	Hellerstein	
	24.	US-2004/0152994	08-05-2004	Meier-Augenstein	
	25.	US-2004/0253647	12-16-2004	Mathews et al.	
	26.	US-2005/0019251-A1	01-27-2005	Hellerstein	
	27.	US-2005/0053992-A1	03-10-2005	Hellerstein	
	28.	US-10/519,121	FD 09-15-2003	Hellerstein	
	29.	US-10/526,860	FD 09-04-2003	Hellerstein	
	30.	US-10/872,280	FD 06-17-2004	Hellerstein	
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	32.	US-10/997,323	FD 11-23-2004	Hellerstein	
	33.	US-11/064,197	FD 02-22-2005	Hellerstein	
	34.	US-11/078,083	FD 03-11-2005	Hellerstein	
	35.	US-11/094,387	FD 03-29-2005	Hellerstein	

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ALTERNATIVE TO PTO/SB06a/b (10-03)

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Sheet	2	of	15	Attorney Docket Number	416272003800

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	36.	WO-90/11371	10-04-1990	Anticancer, Inc.		
	37.	WO-93/25705	12-23-1993	Barranco		
	38.	WO-98/51820	11-19-1998	Hellerstein		
	39.	WO-03/061479-A1	07/31/2003	Hellerstein		
	40.	WO-03/068919-A2	08/21/2003	Hellerstein		
	41.	WO-03/087314-A2	10/23/2003	Hellerstein		
	42.	WO-04/003493-A2	01/08/2004	Hellerstein		
	43.	WO-04/011426-A2	02/05/2004	Hellerstein		
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	45.	WO-04/024941-A2	03/25/2004	Hellerstein		
	46.	WO-04/025270-A2	03/25/2004	Hellerstein		
	47.	WO-04/042360-A2	05/21/2004	Hellerstein		
	48.	WO-05/009597-A2	02/03/2005	Hellerstein		
	49.	WO-05/015155-A2	02/17/2005	Hellerstein		
	50.	WO-05/033652-A2	04/14/2005	Hellerstein		

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	51.	International Search Report mailed on April 13, 2004, for PCT application no. PCT/US03/20052 filed on June 25, 2003, 3 pages		
	52.	International Search Report mailed July 8, 2004, for PCT patent application no. PCT/US03/27623 filed on September 4, 2003, 4 pages		
	53.	International Search Report mailed on June 29, 2004, for PCT application no. PCT/US03/04183 filed on February 12, 2003, 4 pages		
	54.	International Search Report mailed on July 9, 2004, for PCT application no. PCT/US03/35107 filed on November 4, 2003, 2 pages		
	55.	International Search Report mailed on August 18, 2004, for PCT application PCT/US03/29526, filed September 16, 2003, 3 pages		
	56.	International Search Report mailed on August 20, 2004, for PCT application no. PCT/US03/10554 filed on April 4, 2003, 4 pages		

Examiner Signature	Date Considered
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ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/523,250
		Filing Date	January 26, 2005
		First Named Inventor	Marc K. HELLERSTEIN
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	3	of	15
		Attorney Docket Number	416272003800

57.	International Search Report mailed on January 19, 2005, for PCT application no. PCT/US03/29361 filed on September 15, 2003, 4 pages
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Examiner Signature	Date Considered
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Sheet	4	of	15
		Attorney Docket Number	416272003800

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Examiner Signature	Date Considered
sf-1910278	

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Sheet	5	of	15
		Attorney Docket Number	416272003800

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sf-1910278	

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Sheet	6	of	15	Attorney Docket Number	416272003800

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			Examiner Name	Not Yet Assigned	
Sheet	15	of	15	Attorney Docket Number	416272003800

217.	WOLTERS, K.C. et al. (1996) "T Cell Telomere Length in HIV-1 Infection: No Evidence for Increased CD4+ T Cell Turnover," <i>Science</i> 274:1543-1547	
218.	WOOD, H.G. et al. (1963) "Estimation of Pathways of Carbohydrate Metabolism," <i>Biochemische Zeitschrift</i> 338:809-847	
219.	ZHANG, Z-Q. et al. (Feb. 1998) "Kinetics of CD4+ T Cell Repopulation of Lymphoid Tissues after Treatment of HIV-1 Infection," <i>Proc. Natl. Acad. Sci. USA</i> 95:1154-1159	
220.	ZILVERSMIT, D.B. et al. (1943) "On the Calculation of 'Turnover Time' and 'Turnover Rate' from Experiments Involving the Use of Labeling Agents," <i>J. of General Physiology</i> 26(3):325-331	

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MMCG/

Examiner Signature	/Marcela M Cordero Garcia/	Date Considered	01/22/2009
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